

DATE: 3/17/00		REV	DATE	BY	CH	APPV	REV	DATE	BY	CH	APPV	REV	DATE	BY	CH	APPV
03																
02																
01																
PART NO.		NOMENCLATURE OR DESCRIPTION														
1	1	6" ROTATABLE FLANGE MDC# 100026														
2	1	SPECIAL MITERED TUBE MDC# 403506														
3	1	WINDOW MOUNT														
4	1	SAPPHIRE WINDOW ISI#9711010														
DRAWING NO.		MATERIAL														
B-9D1218-1		304 ST. STEEL														
B-9D1218-2		304 ST. STEEL														
COMM.		COMM.														
SCALE=		NEXT ASSEMBLY														
NO NOT VERIFY INFORMATION OF SCALING DRAWING		TOLERANCES NON-CUMULATIVE														
UNLESS OTHERWISE SPECIFIED		MACHINE SURFACES 125°														
DIMENSIONS ARE IN INCHES		BREAK SHARP EDGES .005/ .020														
DIV: MECH		DATE: 3-17-00														
APPROVED		CAD FILE: N/A														
CHK: J. STEBEL		DWN: R. ELLIS														
SUN		ENG: R. ELLIS														
SUN		B-9D1217														
SHEET 1 OF 1		REV 0														

PRINCETON PLASMA PHYSICS LABORATORY  
 PRINCETON UNIVERSITY  
 NATIONAL SPHERICAL TORUS EXPERIMENT  
 GFI MITERED TUBE WELDMENT

NOTES: 1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF PROCEDURE NO. EM-002. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF ASME B3.3 CAT. D  
 2. THE ASSEMBLY SHALL BE LEAK TIGHT TO 10<sup>-4</sup> TORR-LITER/SEC AS VERIFIED BY A HELIUM MASS SPECTROMETER LEAK DETECTOR

RELEASED FOR  
 FABRICATION/INSTALLATION  
 RELEASE DATE: 3/17/00  
 EXPIRATION DATE: 3/18

